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MAR 24 2003



SCHIFF HARDIN & WAITE

PATENT DEPARTMENT

6600 SEARS TOWER
233 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606

GROUP ART UNIT: 3762

3762
~~A~~

IN RE APPLICATION OF: Thomas Ohlsson

SERIAL NO.: 09/843,987

EXAMINER: F. Oropeza

FILED: April 27, 2001

CONFIRMATION NO.: 1545

TITLE: "INTERFACE UNIT FOR AN ELECTROPHYSIOLOGY MEASUREMENT SYSTEM"

AMENDMENT "A"

Assistant Commissioner for Patents
Washington D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required.

The fee has been calculated as shown below.

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TECHNOLOGY CENTER R3700

CLAIMS AS AMENDED							
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE	
TOTAL CLAIMS	*15	MINUS	**20	X	() X 9.00 () X 18.00		
INDEP. CLAIMS	*2	MINUS	3	X	() X 42.00 () X 84.00		
Application amended to contain any multiple dependent claims not previously paid for.				() YES () NO	() \$140.00 () \$280.00 ONE TIME		
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$0.00	

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.

- Applicants petition the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated _____ for _____ months so that the period for response is extended to _____. A check in the amount of \$_____ is attached to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to deposit account No. 501519. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$_____ is attached.
- A check for \$_____ accompanying IDS under 37 CFR 1.97(c) is attached
- A check for \$_____ and Petition for Consideration of IDS under 37 CFR 1.97(d) is attached.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519. A duplicate of this sheet is enclosed.

When phoning re this application, please call (312) 258-5500.

SCHIFF HARDIN & WAITE (Customer Number: 26574)

Patent Department

BY Steven H. Noll (28,982)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 13, 2003

Steven H. Noll

NAME OF APPLICANT'S ATTORNEY

Steven H. Noll

SIGNATURE

March 13, 2003

DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT "A"

APPLICANT: Thomas Ohlsson GROUP ART UNIT: 3762
SERIAL NO.: 09/843,987 EXAMINER: F. Oropeza
FILED: April 27, 2001 CONFIRMATION NO.: 1545
TITLE: "INTERFACE UNIT FOR AN ELECTROPHYSIOLOGY
MEASUREMENT SYSTEM" *IB* *3/28*

Assistant Commissioner for Patents,
Washington, D.C. 20231

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TECHNOLOGY CENTER R3700

SIR:

In response to the Office Action dated December 16, 2002, Applicant herewith amends the application as follows.

IN THE CLAIMS

Claim 1 has been amended as follows:

- Sub C1 B1*
1. (Amended) An interface unit for use with an electrophysiology measurement system having an electrophysiology monitoring system and a plurality of catheter-mounted sensors respectively connected to electrical connectors, said interface unit comprising:
a plurality of externally accessible unit electrical connectors respectively adapted for releasably mating with a one of said sensor electrical connectors in a mating configuration;
an arrangement for producing predetermined interconnections among said unit connectors, said arrangement adapted for communicating with said electrophysiology monitoring system; and
a signal generator connected to said arrangement which emits an output signal, adapted to be received by said electrophysiology monitoring system via said arrangement, containing information unique to and originating from said interface unit and designating said configuration, for use by said electrophysiology monitoring system.

Claim 4 has been amended as follows: